

Public Works Department Water Treatment Plant Intern

Job Opening:	February 26, 2010
Application deadline:	March 12, 2010
Starting Salary:	\$9.46 per hour
Employment Hours:	Seasonal Full-time – Up to 40 hours <u>Night Shift:</u> 7:30pm – 5:30am Sunday through Wednesday or Wednesday through Saturday
Seasonal Dates:	May 3 – October 1, 2010

Applicants **must** submit a city application to be considered for the position. Applicant may also submit a cover letter and resume as supplemental information. A city application may be obtained at the City of Louisville, Department of Human Resources, 749 Main Street, Louisville, CO 80027 or by going to our website: www.louisvilleco.gov You may fax your application to 303-335-4724; or email it to humanres@louisvilleco.gov

JOB SUMMARY: Under supervision of a certified Chief Plant Operator and/or plant operator, performs entry level work in the operation and minor maintenance of a water treatment facility. Work involves on-the-job training in the operation and minor maintenance of the water treatment plant and related facilities.

ESSENTIAL JOB DUTIES:

- Participates in an on-the-job training program involving practical, “hands-on” experience with plant operations under the supervision of a shift operator.
- Reads and comprehends a variety of technical, laboratory, operation and maintenance procedures.
- Starts and stops machinery and pumps, regulates valves and observes dials; adds chemicals according to prescribed standards; operates, oils, and adjusts machinery.
- Performs limited maintenance and assists in minor repairs to pumps and other equipment; takes and tests various samples periodically, reports and maintains simple records.
- Performs cleanup work on equipment and minor maintenance as needed.
- Records plant operation statistics on log sheets; changes charts and recording sheets.
- Assists in the operation and inspection of the water treatment plant, pumping stations, and related facilities.
- May assist in disassembling, repairing, and reassembling pumps and equipment as required; maintains and calibrates meters and testing equipment.
- Assists with drawing samples of water for test and analysis; checks and adjusts chemical feeders in accordance with prescribed standards; washes filters periodically.
- Conducts visual inspections of working apparatus and grounds; performs housekeeping duties such as sweeping and mopping floors, washing windows, painting, and light building maintenance.

Successful candidate will need to have knowledge of the operation and maintenance of mechanical and electrical equipment, mathematics, chemistry and biology. Have skill in the use of a personal computer. Will need the ability to read and understand technical manuals, understand written and oral instructions. Must be able to establish and maintain effective working relationships. Must be able to work nights, weekends, holidays, and shift work in isolation. Shift work constitutes the following schedule: 7:30pm – 5:30am Sunday through Wednesday or 7:30pm – 5:30am Wednesday through Saturday.

EDUCATION, TRAINING, AND EXPERIENCE: High school diploma or equivalent, supplemented by course work in mathematics, biology or chemistry and some general experience with operation of mechanical/electrical equipment. Enrollment in secondary education with emphasis on water or wastewater treatment.

MINIMUM REQUIREMENTS: All candidates must be at least 18 years of age and possess a valid Colorado driver's license with a good driving record.

Successful candidates will be required to complete a pre-employment physical and substance screen prior to employment. A background investigation will be performed on qualified candidates.

PHYSICAL REQUIREMENTS OF THE JOB: The employee must frequently lift and/or move up to 50 pounds, and on occasion as much as 100 pounds. While performing the duties of this job, the employee is regularly required to reach with hands and arms, use hands and fingers to handle or feel tools or controls; read, speak and hear, and taste or smell. Regularly required to stoop, kneel, crouch, or crawl, stand, walk, climb or balance. Must have the ability to climb up and down steep ladders and stairs and walk up to one-half mile per day for sight inspections. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Work environment will include frequent exposure to wet and/or humid conditions, moving mechanical parts, fumes or airborne particles, toxic or caustic chemicals, and risk of electrical shock. The employee is exposed to outside weather conditions and vibration. The noise level in the work environment is normally moderate but on occasion can be loud. The employee is required to climb stairs to reach the top of, and drop into, water storage tanks of up to 30 feet while performing their job.

EQUAL OPPORTUNITY EMPLOYER